

Electrodeless Fluorescent Lamp

Abstract of the Disclosure

An electrodeless fluorescent lamp includes a glass vessel having a retention channel and a vapor chamber for sealedly storing an active vapor therein; a thermal 5 conductive unit disposed within the retention channel; an induction coil supported by the thermal conductive unit within the retention channel, wherein the heating coil is arranged to generate heat towards the vapor chamber for emitting light from the active vapor; and a ventilation arrangement having a ventilation channel enclosed by the glass vessel to extend from the retention channel to an exterior of the glass vessel for ventilating excess 10 heat from the induction coil within the retention channel to outside.